11. Rubber mixtures comprising rubbers comprising one or more hydroxyl-groups which are produced from diolefins, wherein said rubber(s) contain in the range 0.1 to 2 wt.% of bonded primary hydroxyl groups and have a glass transition temperature between -120 and -50°C, and additional rubbers selected from the group consisting of natural rubber, polyisoprene and styrene/butadiene copolymers with styrene contents between 10 and 50 wt.%, in an amount of 0.5 to 95 wt.% with respect to the entire amount of rubber in the rubber mixture.

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12. Rubber mixtures according to Claim 11, wherein said additional rubbers are present in an amount of 40 to 90 wt.% with respect to the entire amount of rubber in the rubber mixture.

13. A process for preparing rubber mixtures containing in addition to rubbers, which comprise one or more hydroxyl-groups which are produced from diolefins, wherein said rubber(s) contain in the range 0.1 to 2 wt.% of bonded primary hydroxyl groups and have a glass transition temperature between -120 and -50°C, additional rubbers selected from the group consisting of natural rubber, polyisoprene and styrene/butadiene copolymers with styrene contents between 10 and 50 wt.%, in an amount of 0.5 to 95 wt.% with respect to the entire amount of rubber in the rubber mixture, comprising the step of adding one or more fillers to the solution of rubber(s) in amounts in the range 0.5 to 500 parts by wt. with respect to 100 parts by wt. of rubber, and optionally, further auxiliary substances for processing and/or further working-up and/or stabilization are added and then removing the solvent.

14. A process according to Claim 13, wherein the solvent is removed with the assistance of steam.

15. Molded items comprising rubber mixtures, which contain rubbers comprising one or more hydroxyl-groups which are produced from diolefins, wherein said rubber(s) contain in the range 0.1 to 2 wt.% of bonded primary hydroxyl groups and have a glass transition temperature between -120 and -50°C, additional rubbers selected from the group consisting of natural rubber, polyisoprene and styrene/butadiene copolymers with styrene contents between 10 and 50 wt.%, in an

amount of 0.5 to 95 wt.% with respect to the entire amount of rubber in the rubber mixture.

16. A molded item according to Claim 15, wherein said molded item is a tire tread or tire sidewall

17. Rubber mixtures comprising rubbers comprising one or more hydroxyl-groups which are produced from diolefins, wherein said rubber(s) contain in the range 0.1 to 2 wt.% of bonded primary hydroxyl groups and have a glass transition temperature between -120 and -50°C, and fillers present in an amount of 0.5 to 5 parts by weight with respect to 100 parts by weight of rubber.elected from the group consisting of natural rubber, polyisoprene and styrene/butadiene copolymers with styrene contents between 10 and 50 wt.%, in an amount of 0.5 to 95 wt.% with respect to the entire amount of rubber in the rubber mixture.

18. Rubber mixtures according to Claim 17, wherein said fillers are selected from the group consisting of silicas and carbon blacks or mixtures thereof.

19. Rubber mixtures according to Claim 17, wherein said filler is a mixture of pale colored filler and carbon black.

20. Rubber mixtures according to Claim 19, wherein the mixing ratio of pale colored filler to carbon black is 0.05 to 20.

21. Rubber mixture according to Claim 20, wherein the mixing ratio is 0.1 to 10.

22. Rubber mixture according to Claim 19, wherein said pale colored filler is a highly dispersed silica.--